



## Author index of volume 104

- Abel, L. 104, 11  
Abraham, G.N. 104, 41  
Amenta, F. 104, 183  
Arnon, R. 104, 11
- Baylis, C. 104, 295  
Ben-Yedidia, T. 104, 11  
Biagi, F. 104, 1  
Bolognani, F. 104, 249  
Brown, O.A. 104, 249  
Brunk, U.T. 104, 277
- Chakravarti, B. 104, 41  
Chakravarti, D.N. 104, 41  
Chen, C. 104, 75  
Chuan-Fu, W. 104, 159  
Colupaeva, T.V. 104, 293  
Coppi, G. 104, 183  
Corazza, G.R. 104, 1
- De la Fuente, M. 104, 213  
de Lima e Silva, R. 104, 103  
Del Rio, M. 104, 213  
Devecis, J. 104, 41  
Domínguez-Gerpe, L. 104, 195
- Eguchi, T. 104, 75  
Engels, K. 104, 295
- Ferrández, M.D. 104, 213
- Ginaldi, L. 104, 1  
Globerson, A. 104, 11  
Goya, R.G. 104, 249  
Greenfeld, Z. 104, 295  
Guo-Yin, F. 104, 159
- Horiike, K. 104, 115
- Ishida, H. 104, 75  
Ishikawa, Y. 104, 75
- Jian-Gang, Z. 104, 159
- Kitamura, Y. 104, 115
- Lesourd, B.M. 104, 25  
Lin, H. 104, 159  
Liu, J. 104, 125  
Lopez, A. 104, 59
- Maggioni, A. 104, 183  
Magnusson, K.R. 104, 227  
Martins Chaves, M. 104, 103  
Mazari, L. 104, 25  
Mercieira-Coelho, A. 104, 207  
Meyer, K.C. 104, 169  
Miquel, J. 104, 213  
Moore, S.A. 104, 59  
Mote, P.L. 104, 149
- Nagata, Y. 104, 115  
Navarro-Arévalo, A. 104, 91  
Nogueira-Machado, J.A. 104, 103  
Nomura, Y. 104, 115  
Nui-Fan, G. 104, 159
- Olgiati, V. 104, 183
- Pahlavani, M.A. 104, 59  
Panocka, I. 104, 183  
Pei-Fang, L. 104, 159  
Pereira dos Reis, A. 104, 103  
Peterson, K. 104, 169  
Ponzielli, F. 104, 1
- Qi, J. 104, 125  
Quaglino, D. 104, 1  
Quaglione, G. 104, 1
- Raji, N.S. 104, 133  
Rey-Méndez, M. 104, 195  
Richardson, A. 104, 59  
Rocha-Vieira, E. 104, 103  
Rosenthal, N.S. 104, 169
- Sabbatini, M. 104, 183  
Samsell, L. 104, 295  
Sánchez-del-Pino, M.J. 104, 91  
Seshi, B. 104, 41  
Shakhbazov, V.G. 104, 293  
Shckorbatov, Y.G. 104, 293  
Skowronski, M.T. 104, 75  
Soergel, P. 104, 169  
Sol Burgos, M. 104, 213  
Song-Bai, Z. 104, 159  
Song, Y. 104, 125  
Sosa, Y.E. 104, 249  
Spindler, S.R. 104, 149  
Subba Rao, K. 104, 133  
Surekha, A. 104, 133
- Terman, A. 104, 277  
Tillman, J.B. 104, 149
- Uehara, T. 104, 115
- Van Remmen, H. 104, 263  
Vecchio, L. 104, 1
- Wang, S. 104, 125  
Wang, X. 104, 125  
Ward, W.F. 104, 263
- Yong-Xing, M. 104, 159

THE

NEW

EDITION

OF

THE

NEW

EDITION

OF

THE

NEW

EDITION

OF

THE

NEW

EDITION

OF

THE

NEW

EDITION

OF

THE

NEW

EDITION

OF

THE

NEW

EDITION

OF

THE

NEW

EDITION

OF

THE

NEW

EDITION

OF

THE

NEW

EDITION

## Subject index of volume 104

**Acetylcholinesterase**; Nucleus basalis magnocellularis; Frontal cortex; Choline acetyltransferase; Positron emission tomography; Immunohistochemistry; Enzyme histochemistry **104**, 183

**ADCC**; Thiopropine; Aging; Mice; Lymphocytes; NK; Proliferation; Mobility **104**, 213

**Adenylate cyclase**; Development; Parotid glands;  $\beta$ -Adrenoceptors; Guanine nucleotide binding proteins **104**, 75

**$\beta$ -Adrenoceptors**; Development; Parotid glands; Adenylate cyclase; Guanine nucleotide binding proteins **104**, 75

**Age**; Bronchoalveolar lavage; Lung; Neutrophil; Interleukin-8;  $\alpha_1$ -Antiprotease **104**, 169

**Age dependency**; Pituitary; Thymulin; cAMP; Phosphoinositides; Calcium **104**, 249

**Ageing**; D-Serine; Autoradiography; Rat brain; Senescence-accelerated mice; NMDA receptor **104**, 115

**Ageing**; T cell; Protein tyrosine phosphorylation **104**, 41

**Age**; Stress; Thymus; Spleen; Bone marrow; Sex **104**, 195

**Aging**; Body mass index; DNases; DNA-polymerase; DNA-repair; Undernutrition; Unscheduled DNA synthesis **104**, 133

**Aging**; Dietary restriction; Macrophage; Heat shock protein; Rat **104**, 59

**Aging**; Exercise; Lipid peroxidation; Superoxide dismutase **104**, 91

**Aging**; Fibroblasts; Lipofuscin; Lysosomes; Proteolysis; Oxidative stress **104**, 277

**Aging**; Nutrition; T cell subsets; Interleukin **104**, 25

**Aging**; Oxidizing capacity; Reducing power; Phagocytosis assay **104**, 103

**Aging**; Thiopropine; Mice; Lymphocytes; NK; ADCC; Proliferation; Mobility **104**, 213

**AMPA**; NMDA; Kainate; Metabotropic; Spatial learning; Diet restriction **104**, 227

**$\alpha_1$ -Antiprotease**; Bronchoalveolar lavage; Age; Lung; Neutrophil; Interleukin-8 **104**, 169

**Apolipoprotein E**; Longevity; Han Chinese; PCR; RFLP **104**, 159

**Autoradiography**; D-Serine; Rat brain; Ageing; Senescence-accelerated mice; NMDA receptor **104**, 115

**Bio-active peptide**; Lymphocyte; Immunostimulatory effect; Proliferative response; IL-2R **104**, 125

**Body mass index**; Aging; DNases; DNA-polymerase; DNA-repair; Undernutrition; Unscheduled DNA synthesis **104**, 133

**Bone marrow**; Stress; Thymus; Spleen; Age; Sex **104**, 195

- Bronchoalveolar lavage;** Age; Lung; Neutrophil; Interleukin-8;  $\alpha_1$ -Antiprotease **104**, 169
- Calcium;** Pituitary; Thymulin; cAMP; Phosphoinositides; Age dependency **104**, 249
- cAMP;** Pituitary; Thymulin; Phosphoinositides; Calcium; Age dependency **104**, 249
- Choline acetyltransferase;** Nucleus basalis magnocellularis; Frontal cortex; Acetylcholinesterase; Posatiirelin; Immunohistochemistry; Enzyme histochemistry **104**, 183
- Development;** Parotid glands;  $\beta$ -Adrenoceptors; Adenylate cyclase; Guanine nucleotide binding proteins **104**, 75
- Dietary restriction;** Aging; Macrophage; Heat shock protein; Rat **104**, 59
- Dietary restriction;** Enzyme induction; Fasting; Refeeding; Phosphoenolpyruvate carboxykinase; Fischer 344 rats **104**, 263
- Diet restriction;** NMDA; AMPA; Kainate; Metabotropic; Spatial learning **104**, 227
- DNA-polymerase;** Aging; Body mass index; DNases; DNA-repair; Undernutrition; Unscheduled DNA synthesis **104**, 133
- DNA-repair;** Aging; Body mass index; DNases; DNA-polymerase; Undernutrition; Unscheduled DNA synthesis **104**, 133
- DNases;** Aging; Body mass index; DNA-polymerase; DNA-repair; Undernutrition; Unscheduled DNA synthesis **104**, 133
- D-Serine;** Autoradiography; Rat brain; Ageing; Senescence-accelerated mice; NMDA receptor **104**, 115
- Elderly;** PCNA; Enterocyte **104**, 1
- Enterocyte;** PCNA; Elderly **104**, 1
- Enzyme histochemistry;** Nucleus basalis magnocellularis; Frontal cortex; Choline acetyltransferase; Acetylcholinesterase; Posatiirelin; Immunohistochemistry **104**, 183
- Enzyme induction;** Fasting; Refeeding; Phosphoenolpyruvate carboxykinase; Fischer 344 rats; Dietary restriction **104**, 263
- Exercise;** Aging; Lipid peroxidation; Superoxide dismutase **104**, 91
- Fasting;** Enzyme induction; Refeeding; Phosphoenolpyruvate carboxykinase; Fischer 344 rats; Dietary restriction **104**, 263
- Fibroblasts;** Aging; Lipofuscin; Lysosomes; Proteolysis; Oxidative stress **104**, 277
- Fischer 344 rats;** Enzyme induction; Fasting; Refeeding; Phosphoenolpyruvate carboxykinase; Dietary restriction **104**, 263
- Frontal cortex;** Nucleus basalis magnocellularis; Choline acetyltransferase; Acetylcholinesterase; Posatiirelin; Immunohistochemistry; Enzyme histochemistry **104**, 183
- Gene regulation;** GRP78; K12 cells; Glucose; Molecular chaperone; Negative regulation **104**, 149
- Glucose;** GRP78; K12 cells; Gene regulation; Molecular chaperone; Negative regulation **104**, 149
- GRP78;** K12 cells; Glucose; Gene regulation; Molecular chaperone; Negative regulation **104**, 149
- Guanine nucleotide binding proteins;** Development; Parotid glands;  $\beta$ -Adrenoceptors; Adenylate cyclase **104**, 75
- Han Chinese;** Apolipoprotein E; Longevity; PCR; RFLP **104**, 159
- Heat shock protein;** Aging; Dietary restriction; Macrophage; Rat **104**, 59
- IL-2R;** Lymphocyte; Bio-active peptide; Immunostimulatory effect; Proliferative response **104**, 125
- Immunohistochemistry;** Nucleus basalis magnocellularis; Frontal cortex; Choline acetyltransferase; Acetylcholinesterase; Posatiirelin; Enzyme histochemistry **104**, 183



- Immunostimulatory effect**; Lymphocyte; Bio-active peptide; Proliferative response; IL-2R **104**, 125
- Influenza**; Vaccine; Peptide **104**, 11
- Interleukin**; Aging; Nutrition; T cell subsets **104**, 25
- Interleukin-8**; Bronchoalveolar lavage; Age; Lung; Neutrophil;  $\alpha_1$ -Antiprotease **104**, 169
- Kainate**; NMDA; AMPA; Metabotropic; Spatial learning; Diet restriction **104**, 227
- K12 cells**; GRP78; Glucose; Gene regulation; Molecular chaperone; Negative regulation **104**, 149
- Lipid peroxidation**; Aging; Exercise; Superoxide dismutase **104**, 91
- Lipofuscin**; Aging; Fibroblasts; Lysosomes; Proteolysis; Oxidative stress **104**, 277
- Longevity**; Apolipoprotein E; *Han* Chinese; PCR; RFLP **104**, 159
- Lung**; Bronchoalveolar lavage; Age; Neutrophil; Interleukin-8;  $\alpha_1$ -Antiprotease **104**, 169
- Lymphocyte**; Bio-active peptide; Immunostimulatory effect; Proliferative response; IL-2R **104**, 125
- Lymphocytes**; Thioproline; Aging; Mice; NK; ADCC; Proliferation; Mobility **104**, 213
- Lysosomes**; Aging; Fibroblasts; Lipofuscin; Proteolysis; Oxidative stress **104**, 277
- Macrophage**; Aging; Dietary restriction; Heat shock protein; Rat **104**, 59
- Metabotropic**; NMDA; AMPA; Kainate; Spatial learning; Diet restriction **104**, 227
- Mice**; Thioproline; Aging; Lymphocytes; NK; ADCC; Proliferation; Mobility **104**, 213
- Mobility**; Thioproline; Aging; Mice; Lymphocytes; NK; ADCC; Proliferation **104**, 213
- Molecular chaperone**; GRP78; K12 cells; Glucose; Gene regulation; Negative regulation **104**, 149
- Negative regulation**; GRP78; K12 cells; Glucose; Gene regulation; Molecular chaperone **104**, 149
- Neutrophil**; Bronchoalveolar lavage; Age; Lung; Interleukin-8;  $\alpha_1$ -Antiprotease **104**, 169
- NK**; Thioproline; Aging; Mice; Lymphocytes; ADCC; Proliferation; Mobility **104**, 213
- NMDA**; AMPA; Kainate; Metabotropic; Spatial learning; Diet restriction **104**, 227
- NMDA receptor**; D-Serine; Autoradiography; Rat brain; Ageing; Senescence-accelerated mice **104**, 115
- Nucleus basalis magnocellularis**; Frontal cortex; Choline acetyltransferase; Acetylcholinesterase; Positron emission tomography; Enzyme histochemistry **104**, 183
- Nutrition**; Aging; T cell subsets; Interleukin **104**, 25
- Oxidative stress**; Aging; Fibroblasts; Lipofuscin; Lysosomes; Proteolysis **104**, 277
- Oxidizing capacity**; Aging; Reducing power; Phagocytosis assay **104**, 103
- Parotid glands**; Development;  $\beta$ -Adrenoceptors; Adenylate cyclase; Guanine nucleotide binding proteins **104**, 75
- PCNA**; Enterocyte; Elderly **104**, 1
- PCR**; Apolipoprotein E; Longevity; *Han* Chinese; RFLP **104**, 159
- Peptide**; Vaccine; Influenza **104**, 11
- Phagocytosis assay**; Aging; Oxidizing capacity; Reducing power **104**, 103
- Phosphoenolpyruvate carboxykinase**; Enzyme induction; Fasting; Refeeding; Fischer 344 rats; Dietary restriction **104**, 263
- Phosphoinositides**; Pituitary; Thymulin; cAMP; Calcium; Age dependency **104**, 249

- Pituitary;** Thymulin; cAMP; Phosphoinositides; Calcium; Age dependency **104, 249**
- Positirelin;** Nucleus basalis magnocellularis; Frontal cortex; Choline acetyltransferase; Acetylcholinesterase; Immunohistochemistry; Enzyme histochemistry **104, 183**
- Proliferation;** Thioproline; Aging; Mice; Lymphocytes; NK; ADCC; Mobility **104, 213**
- Proliferative response;** Lymphocyte; Bio-active peptide; Immunostimulatory effect; IL-2R **104, 125**
- Protein tyrosine phosphorylation;** Ageing; T cell **104, 41**
- Proteolysis;** Aging; Fibroblasts; Lipofuscin; Lysosomes; Oxidative stress **104, 277**
- Rat;** Aging; Dietary restriction; Macrophage; Heat shock protein **104, 59**
- Rat brain;** D-Serine; Autoradiography; Ageing; Senescence-accelerated mice; NMDA receptor **104, 115**
- Reducing power;** Aging; Oxidizing capacity; Phagocytosis assay **104, 103**
- Refeeding;** Enzyme induction; Fasting; Phosphoenolpyruvate carboxykinase; Fischer 344 rats; Dietary restriction **104, 263**
- RFLP;** Apolipoprotein E; Longevity; *Han* Chinese; PCR **104, 159**
- Senescence-accelerated mice;** D-Serine; Autoradiography; Rat brain; Ageing; NMDA receptor **104, 115**
- Sex;** Stress; Thymus; Spleen; Bone marrow; Age **104, 195**
- Spatial learning;** NMDA; AMPA; Kainate; Metabotropic; Diet restriction **104, 227**
- Spleen;** Stress; Thymus; Bone marrow; Age; Sex **104, 195**
- Stress;** Thymus; Spleen; Bone marrow; Age; Sex **104, 195**
- Superoxide dismutase;** Aging; Exercise; Lipid peroxidation **104, 91**
- T cell;** Ageing; Protein tyrosine phosphorylation **104, 41**
- T cell subsets;** Aging; Nutrition; Interleukin **104, 25**
- Thioproline;** Aging; Mice; Lymphocytes; NK; ADCC; Proliferation; Mobility **104, 213**
- Thymulin;** Pituitary; cAMP; Phosphoinositides; Calcium; Age dependency **104, 249**
- Thymus;** Stress; Spleen; Bone marrow; Age; Sex **104, 195**
- Undernutrition;** Aging; Body mass index; DNases; DNA-polymerase; DNA-repair; Unscheduled DNA synthesis **104, 133**
- Unscheduled DNA synthesis;** Aging; Body mass index; DNases; DNA-polymerase; DNA-repair; Undernutrition **104, 133**
- Vaccine;** Peptide; Influenza **104, 11**

